

Date: 10-12-06

Sheet 1 of 1

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 14095.1USC6	Application Number: 10/727,059
	Applicant: CARLSON	
	Filing Date: 12/02/2003	Group Art Unit: 1639

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/M.S./	5,925,529	07/20/1999	Coughlin et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
/M.S./	WO 99/25384	05/27/1999	PCT				
/M.S./	WO 00/16733	03/30/2000	PCT				
/M.S./	WO 01/46698 A2	06/28/2001	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
/M.S./		Copy of International Search Report mailed March 8, 2006

23552
PATENT TRADEMARK OFFICE

EXAMINER /Mark Shibuya/	DATE CONSIDERED 11/12/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Date: 6-6-07

Sheet 1 of 2

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 14095.1USC6	Application Number: 10/727,059
	Applicant: CARLSON	
	Filing Date: 12/02/2003	Group Art Unit: 1639

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/M.S./	5,453,533	09/26/1995	LUO ET AL.			
↓	5,990,163	11/23/1999	EVANS ET AL.			
	6,346,423	02/12/2002	SCHEMBRI			
	6,652,835	11/25/2003	LAUFFER ET AL.			
	7,018,792	03/28/2006	SWANSON ET AL.			
	2002/0019015	02/14/2002	LAHIRI ET AL.			
	2003/0083235	05/01/2003	DANISHEFSKY ET AL.			
	2004/0102607	05/27/2004	DANISHEFSKY ET AL.			
	2004/0151733	08/05/2004	LIVINGSTON ET AL.			
↓	2004/0208884	10/21/2004	DANISHEFSKY ET AL.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
/M.S./	WO 2004/011476	02/05/2004	WIPO				
/M.S./	WO 2006/017180	02/16/2006	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
/M.S./		Adams et al., "Oligosaccharide and Glycoprotein Micorarrays as Tools in HIV Glycobiology: Glycan-Dependent gp120/Protein Interactions," <i>Chemistry & Biology</i> , Vol. 11, 875-881, June 2004
↓		Bryan et al., "Saccharide Display on Microtiter Plates," <i>Chemistry & Biology</i> , Vol. 9, 713-720, June 2002
		Bryan et al., "Covalent Display of Oligosaccharide Arrays in Microtiter Plates," <i>J. Am Chem. Soc.</i> 2004, 126, 8640-8641
		Cho et al., "Pin-Printed Chemical Sensor Arrays for Simultaneous Multianalyte Quantification," <i>Anal. Chem.</i> 2002, 74, 1462-1466
↓		Collins et al., "Cell Surface Biology Mediated by Low Affinity Multivalent Protein-Glycan Interactions," <i>Current Opinion in Chemical Biology</i> , 2004, 8:617-625

EXAMINER /Mark Shibuya/	DATE CONSIDERED 11/12/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Date: 6-6-07

Sheet 2 of 2

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 14095.1USC6	Application Number: 10/727,059
	Applicant: CARLSON	
	Filing Date: 12/02/2003	Group Art Unit: 1639

/M.S./		Disney et al., "Aminoglycoside Microarrays to Study Antibiotic Resistance," <i>Angew. Chem. Int. Ed.</i> 2004, 43, 1591-1594
		Disney et al., "Aminoglycoside Microarrays to Explore Interactions of Antibiotics with RNAs and Proteins," <i>Chem. Eur. J.</i> , 2004, 10, 3308-3314
		Disney et al., "The Use of Carbohydrate Microarrays to Study Carbohydrate-Cell Interactions and to Detect Pathogens," <i>Chemistry & Biology</i> , Vol. 11, 1701-1707, December 2004
		Fukui et al., "Oligosaccharide Microarrays for High-Throughput Detection and Specificity Assignments of Carbohydrate-Protein Interactions," <i>Nature Biotechnology</i> , October 2002, Volume 20, 1011-1017
		Houseman et al., "Carbohydrate Arrays for the Evaluation of Protein Binding and Enzymatic Modification," <i>Chemistry & Biology</i> , Vol. 9, 443-454, April 2002
		Kuruvilla et al., "Dissecting Glucose Signalling with Diversity-Oriented Synthesis and Small-Molecule Microarrays," <i>Nature</i> , Vol. 416, April 2002, 653-657
		Mahal, "Catching Bacteria with Sugar," <i>Chemistry & Biology</i> , Vol. 11, December 2004
		Mellet et al., "Carbohydrate Microarrays," <i>ChemBioChem</i> , 2002, 3, 819-822
		Michael et al., "Randomly Ordered Addressable High-Density Optical Sensor Arrays," <i>Anal. Chem.</i> , 1998, 70, 1242-1248
		Ni et al., "Synthesis of Maleimide-Activated Carbohydrates as Chemoselective Tags for Site-Specific Glycosylation of Peptides and Proteins," <i>Bioconjugate Chem.</i> , 2003, 14, 232-238
		Nimrichter et al., "Intact Cell Adhesion to Glycan Microarrays," <i>Glycobiology</i> , Vol. 14, No. 2, pp. 197-203, 2004
		Ratner et al., "Probing Protein-Carbohydrate Interactions with Microarrays of Synthetic Oligosaccharides," <i>ChemBioChem</i> , 2004, 5, 379-383
↓		Sasmai et al., "Facile Purification of Rare Cucurbiturils by Affinity Chromatography," <i>Organic Letters</i> , 2004, Vol. 6, No. 8, 1225-1228

23552

PATENT TRADEMARK OFFICE

EXAMINER /Mark Shibuya/	DATE CONSIDERED 11/12/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Date: July 13, 2007

Sheet 1 of 2

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 14095.0001USC6	Application Number: 10/727,059
	Applicant: CARLSON	
	Filing Date: December 2, 2003	Group Art Unit: 1639

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/M.S./	6,875,620	04/05/2005	Schembri			10/31/1996
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
/M.S./	DE 197 40 263	05-07-1998	Germany			See US 6,875,620
↓	WO 95/02566	01-26-1995	PCT			
	WO 98/12156	03-26-1998	PCT			
↓	WO 00/13017	03-09-2000	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
/M.S./		Angers et al., Proc. Natl. Acad. Sci. USA (March 28, 2000), Vol. 97(7), pp 3684-3689				
/M.S./		European Search Report, Application No. 03709250.9 dated May 7, 2007				
/M.S./		Iorio et al., "Highly Sequence Selective Nonmacrocylic Two-armed Receptors for Peptides," Bioorganic & Medicinal Chemistry Letters, Oxford, GB, Vol. 9, No. 15, 2 August 1999, pp 2145-2150				
/M.S./		Iorio et al., "Sequence-Selective Peptide Detection by Small Synthetic Chemosensors Selected from an Encoded Combinatorial Chemosensor Library," Bioorganic & Medicinal Chemistry Letters, Oxford, GB, Vol. 11, No. 13, 9 July 2001, pp 1635-1638				
/M.S./		Nestler et al., "Combinatorial Libraries: Studies in Molecular Recognition," Combinatorial Chemistry and High Throughput Screening, Hilversum, NL, Vol. 1, No. 3, October 1998, pp 113-126				
/M.S./		Still, "Discovery of Sequence-selective Peptide Binding by Synthetic Receptors Using Encoded Combinatorial Libraries," Accounts of Chemical Research, ACS, Washington, DC, US, Vol. 29, 1996, pp 155-163				
/M.S./		USSN 10/244,727 Office Action (1/25/06)				
↓		USSN 10/244,727 Office Action (2/8/06)				
		USSN 10/244,727 Office Action (2/12/07)				
↓		USSN 10/244,727 Office Action (5/17/05)				

EXAMINER <u>/Mark Shibuya/</u>	DATE CONSIDERED <u>11/12/2007</u>
--------------------------------	-----------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date: July 13, 2007

Sheet 2 of 2

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 14095.0001 USC6	Application Number: 10/727,059
	Applicant: CARLSON	
	Filing Date: December 2, 2003	Group Art Unit: 1639

/M.S./		USSN 10/244,727 Office Action (5/17/07)
		USSN 10/244,727 Office Action (8/10/05)
		USSN 10/244,727 Office Action (8/11/06)
		USSN 10/244,727 Office Action (12/29/06)
		USSN 10/703,660 Office Action (3/8/07)
		USSN 10/703,660 Office Action (6/22/06)
		USSN 10/703,779 Office Action (3/12/07)
		USSN 10/703,779 Office Action (6/29/06)
		USSN 10/703,876 Office Action (3/2/07)
		USSN 10/703,876 Office Action (6/29/06)
		USSN 10/706,505 Office Action (2/15/07)
		USSN 10/706,505 Office Action (6/29/06)
		USSN 10/706,573 Office Action (1/31/07)
		USSN 10/706,573 Office Action (6/30/06)
		USSN 10/727,059 Office Action (10/5/06)
		USSN 10/813,568 Office Action (2/15/07)
		USSN 10/813,568 Office Action (10/5/06)
		USSN 10/813,612 Office Action (2/15/07)
✓		USSN 10/813,612 Office Action (10/6/06)

23552
PATENT TRADEMARK OFFICE

EXAMINER <u>/Mark Shibuya/</u>	DATE CONSIDERED <u>11/12/2007</u>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	